

## ABSTRACT OF THE DISCLOSURE

A rake receiver tracks a multi-path signal transmitted from a base station to a mobile station. The rake receiver  
5 comprises rake fingers each assigned to a multi-path component. Typically a rake finger performs an early late detection using early and late component of the energy of the component taken before and after a presumed occurrence of an optimum of the energy. An early-late signal is  
10 generated from a comparison between a product of a first integer and the early component and a product of another integer and the late component.

005271 672260